BIRCH, STEWART, KOLASCH & BIRCH, LLP

P.O. Box 747 • Falls Church, Virginia 22040-0747 Telephone: (703) 205-8000 • Facsimile: (703) 205-8050

ATTORNEY DOCKET NO.

2481-0112PUS1

03USFP940 2003-08=3

PLEASE NOTE: YOU MUST COMPLETE THE FOLLOWING:

OMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT AND DESIGN APPLICATIONS

As a below named inventor, I hereby declare that: my residence, post office address and citizenship are as stated next to my name; that I verily believe that I am the original, first and sole inventor (if only one inventor is named below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Insert Title:	STEERING APPARATUS FOR RAIL NO	ON-CONTACT VEHICLE AND STEERING METHOD FOR THE SAME					
	-	ot attached hereto, the application is identified by the attorney docket number as set forth above					
Fill in Appropriate Information -	the specification was filed on			as			
For Use Without	United States Application Number and amended on		•	;			
Specification	the specification was filed on	October 30, 2003 —	(if ap	oplicable); and/or			
Attached:	International Application Number						
	amended on						
				(if applicable)			
· .	I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56. I do not know and do not believe the same was ever known or used in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to this application, that the same was not in public use or on sale in the United States of America more than one year prior to this application, that the invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve months (six months for designs) prior to this application, and that no application for patent or inventor's certificate on this invention has been filed in any country foreign to the United States of America prior to this application by me or my legal representatives or assigns, except as follows.						
	I hereby claim foreign priority benefits under Title 35, United States Code, §119 (a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:						
Insert Priority Information:	Prior Foreign Application(s) 316559/2002 Japan		10/30/2002	Priority Claimed			
(if appropriate)	(Number)	(Country)	(Month / Day / Year Filed)	Yes No			
	(Number)	(Country)	(Month / Day / Year Filed)	Yes No			
	(Number)	(Country)	(Month / Day / Year Filed)	Yes No			
	(Number)	(Country)	(Month / Day / Year Filed)	Yes No			
Insert Provisional Application(s):	I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below						
(if any)	(Application Number)	,		(Filing Date)			
	(Application Number)	•	· · · · · · · · · · · · · · · · · · ·	(Filing Dees)			
	(Filing Date) All Foreign Applications, if any, for any Patent or Inventor's Certificate Filed more than 12 months (6 months for designs) Prior to the Filing Date of this Application:						
Insert Requested Information: (if appropriate)	Country	Application Number		of Filing (Month/Day/Year)			
Insert Prior U.S. Application(s):	I hereby claim the benefit under Title 35, United States Code, §120 of any United States and/or PCT application(s), including for continuation-in-part application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States and/or PCT application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to the patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.						
(if any)	(Application Number)	(Filing Date)	(Status - patented,	pending, abandoned)			
Page 1 of 2	(Application Number)	(Filing Date)	(Status - patented,	pending, abandoned)			

I hereby appoint the practitioners at CUSTOMER NO. 02292 as my attorneys or agents to prosecute this application and/or an international application based on this application and to transact all business in the Patent and Trademark Office connected therewith and in connection with the resulting patent based on instructions received from the entity who first sent the application papers to the practitioners, unless the inventor(s) or assignee provides said practitioners with a written notice to the contrary:

Send Correspondence to:

BIRCH, STEWART, KOLASCH & BIRCH, LLP

or CUSTOMER NO. 02292

P.O. Box 747 • Falls Church, Virginia 22040-0747

Telephone: (703) 205-8000 • Facsimile: (703) 205-8050

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

PLEASE NOTE: YOU MUST COMPLETE THE FOLLOWING: Full Name of First or Sole Inventor: Insert Name of Inventor Insert Date This Document is Signed Insert Residence Insert Citizenship Insert Mailing Address Full Name of Second Inventor, if any: see above Full Name of Third Inventor, if any Full Name of Fourth Inventor, if any see above Full Name of Fifth Inventor, if any Page 2 of 2 (Revised 01/02)

	GIVEN NAME FAMILY NAME	INVENTOR'S SIGNATURE	•	DATE*					
•	Hiroyuki KONO	1	=: <u>=</u>						
	Residence (City, State & Country)	Hiroyuki Hono	LOTIZEVOLIE	June 6, 2005					
_	Hiroshima, Japan	•	CITIZENSHIP Japanes	9					
7									
	MAILING ADDRESS (Complete Street Address including City, State & Country)								
٠	c/o HIROSHIMA Research & Development Center, MITSUBISHI HEAVY INDUSTRIES, LTD., 6-22 Kan- on-shin-machi 4-chome, Nishi-ku, Hiroshima, Hiroshima-ken, Japan								
	GIVEN NAME FAMILY NAME	INVENTOR'S SIGNATURE	apan	10.75¢					
	MasshiroYAMAGUCHI	An Dianatore	<i>a</i> .	DATE*					
		Masahiro Yan	cznelr	June 6, 2005					
	Residence (City, State & Country)	V	CITIZENSHIP						
1	Hiroshima, Japan		Japar	Japanese					
	MAILING ADDRESS (Complete Street Address inclu-	ding City State & Country	<u> </u>						
	c/o HIROSHIMA Research & Developmen	t Center, MITSUBISHI HE	VY INDUSTRIES	LTD., 6-22 Kan-					
1	on-shin-machi 4-chome, Nishi-ku, Hir	oshima, Hiroshima-ken, d	apan						
	GIVEN NAME FAMILY NAME	INVENTOR'S SIGNATURE		DATE*					
ı	Hiroshi YAMASHITA	Himela! Y	ala ta	_					
ı	Residence (City, State & Country)	Hiroshi Yamas	inger	June 6, 2005					
1	Hiroshima, Japan	Jan Jan	apanese						
. [· · · · · · · · · · · · · · · · · · ·		1						
	MAILING ADDRESS (Complete Street Address included)	ding City, State & Country)							
ı	c/o HIROSHIMA Research & Developme Kan-on-shin-machi 4-chome, Nishi-ku,	nt Center, MITSUBISHI	HEAVY INDUSTRI	ES, LTD., 6-22					
ı	GIVEN NAME MASUKAWA MILY NAME	INVENTOR'S SIGNATURE	in, vapan	0.75					
ı	Wasanisa WASUKAWA		,	DATE*					
ŀ	Deside 100	Masahisa Masa	ukawa.	June 6, 2005					
-	Residence (City, State & Country)		CITIZENSHIP						
	Hiroshima, Japan		Japanese						
t	MAILING ADDRESS (Complete Street Address included)	ting City State & Country)	<u> </u>	·					
ı	c/o Plant and Transportation Systems Engineering & Construction Center, MITSUBISHI HEAVY								
ŀ	INDUSTRIES LTD 5007 Itozaki-cho, Mihara-shi, Hiroshima-ken, Japan								
ı	GIVEN NAME FAMILY NAME	INVENTOR'S SIGNATURE		DATE*					
Shunji MORHICHIKA		Shunii Morishika	t.						
Ī	Residence (City, State & Country)	Shunji Morichika	CITIZENSHIP	June 6, 2005					
ı	Hiroshima, Japan	Japanese							
ŀ		1							
İ	MAILING ADDRESS (Complete Street Address included)								
c/o HIROSHIMA Research & Development Center, MITSUBISHI HEAVY INDUSTRIES, LTD., 6-22									
L	Kan-on-shin-machi 4-chome, Nishi-ku, Hiroshima, Hiroshima-ken, Japan								
	* DATE OF SIGNATURE								

03 USFY 940 2003-082 B

Sole Inventar:	GIVEN NAME FAMILY NAME INVENTORIO SIGNATURE					
Insert Name of Inventor Insert Date This		INVENTOR'S SIGNATURE	* •	DATE*		
Document is Signed		Hiroyaki mod	, ,	June 6, 2005		
Insert Residence	Residence (City, State & Country)	100 moces	CITIZENSHIPS	эшів 0, 2000		
Insert Citizenship	Hiroshima, Japan		Japanese			
	MAILING ADDRESS (Complete Street Address Inc.)					
Insert Mailing . Address	MAILING ADDRESS (Complete Street Address Including City, State & Country) c/o Plant and Transportation Systems Engineering & Construction Center, MITSUBISHI HEAVY					
Bull Manager	INDUSTRIES, LTD., 5007, Itozaki-cho, Mihara-shi, Hiroshima-ken, Japan					
Full Name of Second Inventor, if any:	GIVEN NAME FAMILY NAME	INVENTOR'S SIGNATURE		DATE*		
	Koki FUKUDA	Robot Frehales				
see above	Residence (City, State & Country)	Topal February		June 6, 2005		
	Hiroshima, Japan		CITIZENSHIP	30		
	MAILING ADDRESS (S		1			
•	MAILING ADDRESS (Complete Street Address including City, State & Country)					
	c/o Plant and Transportation Systems Engineering & Construction Center, MITSUBISHI HEAVY INDUSTRIES, LTD., 5007, Itozaki-cho, Mihara-shi, Hiroshima-ken, Japan					
Full Name of Third Inventor, if any	GIVEN NAME FAMILY NAME	INVENTOR'S SIGNATURE		D		
,	1	STATE SIGNATORE		DATE*		
see above	Residence (City, State & Country)					
	trosidorios (City, State & Country)		CITIZENSHIP	<u> </u>		
, .						
	MAILING ADDRESS (Complete Street Address included)	ding City, State & Country)				
	·					
Full Name of Fourth Inventor, if any	GIVEN NAME FAMILY NAME	INVENTOR'S SIGNATURE				
and, is any	· · · · ·	WVENTOR'S SIGNATURE		DATE*		
sce above	Residence (City, State & Country)					
• <u>^</u>	ricaidence (City, State & Country)		CITIZENSHIP	 		
	<u> </u>					
•	MAILING ADDRESS (Complete Street Address included)	ding City, State & Country)				
•						
Full Name of Fifth Inventor, if any	GIVEN NAME FAMILY NAME	IAN (EA ITO DIO OLO				
any	,,	INVENTOR'S SIGNATURE		DATE*		
see above	Posidor (O)		İ			
	Residence (City, State & Country)		CITIZENSHIP			
		1				
	MAILING ADDRESS (Complete Street Address include	e Street Address including City State & Country				
Page 2 of 2						
(Revised 01/02)						
	* DATE OF SIGNATURE					